

Callao 545(6^o piso)
Buenos Aires, Argentina
April 3, 1953

Dr. Joshua Lederberg
Department of Genetics
The University of Wisconsin
Madison 6, Wisconsin

Dear Dr. Lederberg:

Thanks very much for your kind letter of just about a year ago. I received from the publishers a copy of *Microbial Genetics*, and reviewed it for *Ciencia e Investigación*, our chief scientific periodical. I am sending you the clipping herewith. Another copy goes to the publishers.

I've had a profitable, tho not terribly exciting year. Finished up some work on L-serine dehydrase of *Neurospora* and together with Leloir et. al. got down to work on the enzyme steps in hexosamine synthesis in *Neurospora*. The following sequence seems to be established:

glutamine & glu-6-P -- glucosamine-6-P & glutamic
(or fru-6-P?)
glucosamine-6-P --& acetylCoA-- acetylglucosamine-6-P
(AGA-6-P)
AGA-6-P -- AGA-1-P (glu-1,6-diP as coenzyme)

The Summer I spent at the University of Chile, at Santiago, studying the effect of camphor on *Neurospora* crosses, in an attempt to produce aneuploids or some sort of chromosome abnormality. This will have to be followed up.

Many thanks for the reprints you have sent me. Material on the transduction phenomenon will be heartily welcomed.

Best regards to your wife and yourself from



José Luis Reissig